

US 50 Improvements - US 450 to TechneCenter Drive Summary

Project Background

Clermont County Engineer has performed a traffic study to evaluate the near-term and long-term impacts on the area road network as a result of the TATA Consultancy Services (TCS) development and future year (2030) traffic volumes.

Project Description:

Development of phased improvements to the US 50 Corridor from TechneCenter Drive north to US 450 to address safety and congestion issues and support development in this key employment area and increasing traffic volumes in the corridor.

Near term improvements include the following:

- The installation of street lighting, including new conduit and wiring, along Eastman Drive from US 50 to TechneCenter Drive for approximately 3000 feet.
- Intersection improvements at Eastman Drive including the addition of right turn lanes to northbound US 50 and from northbound US 50 to eastbound Eastman Drive and related traffic signal and lighting work.

Long term improvements include:

- The addition of a through lane on US 50 from TechneCenter Drive to the SR 450/Eastman Drive intersection. These improvements would involve the horizontal and vertical profile adjustments to accommodate curb and gutter drainage, street lighting, and utility location. The project length is approximately 1300 feet. Traffic signal work will be required at the US 50/TechneCenter Drive intersection.
- Traffic signal coordination will be installed via hardwire or radio interconnect at the three intersections between TechneCenter Drive and westbound SR 450 along the US 50 corridor.

While it is contemplated that construction of the improvements would be phased, design for all improvements will be likely developed as one project.